



Pre-Pharmacy Advising Sheet

A pharmacist is a person licensed to prepare and dispense drugs and medicines. Some pharmacy schools will accept students upon the completion of a minimum of 60 semester units of the pre-pharmacy work. However, due to the high number of applications, a bachelor's degree is highly preferred at most institutions. A PharmD degree requires at least four years of professional study. The first two years usually cover the basic sciences and last two years, pharmacy theory and practice. Completion of a pharmacy residency is often a requirement for employment in hospital pharmacy practice or clinical faculty positions. In addition, some pharmacy schools offer joint degrees: PharmD/PhD, PharmD/MBA, and PharmD/MS.

Common Pre-Pharmacy Prerequisite Courses			
Biology	One year of general biology w/lab	BIO 1210/L, BIO 1220/L	
Chemistry	One year of general inorganic chemistry w/lab	CHM 1210/L, CHM 1220/L	
Organic Chemistry	One year of organic chemistry w/lab	CHM 3140/L, CHM 3150/L	
Physics	One year of general physics w/lab	PHY 1210/L, PHY 1220/L OR PHY 1510/L, PHY 1520/L	
Mathematics	Some will accept one semester of calculus while others require statistics as well	MAT 1200 OR MAT 1140	STA 1200 OR STA 1300
Molecular Biology or Biochemistry	One semester is strongly recommended or maybe required by other Pharmacy schools	BIO 3220, CHM 3270/L	
English	One year is required for most pharmacy schools	ENG 1103, ENG 2105	
Microbiology and Physiology	One semester is strongly recommended yet required by other Pharmacy schools	BIO 2350, BIO 2060	
Anatomy	One semester strongly recommended or required	BIO 2340	
Humanities and Social Sciences	Many schools require at least one course in Psychology.	PSY 2201, COM 1101/2201 EC 2201/2202	

Resources

- American Association of Colleges of Pharmacy: <https://www.aacp.org/>
- Centralized Application Service for Colleges and Schools of Pharmacy: <https://www.pharmcas.org/>
- Accreditation Council for Pharmacy Education: <https://www.acpe-accredit.org/>
- American Pharmacists Association: <https://www.pharmacist.com/>
- Pharmacy College Admission Test (PCAT): <http://pcatweb.info/>